

Radio System (STARS) Project

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June 23, 2004

requirements so that spectrum can be allocated, particularly wideband spectrum for future mobile data use.

Federal Communications Commission Involvement.

Impact: The FCC must grant waivers and issue or amend numerous frequency and other licenses in connection with this project. Any delays or refusals by the FCC represent a serious risk to this project in terms of both viability and cost.

Mitigation Approach: Responsible, timely management of the spectrum actions and existing frequency resources of all participating agencies. The FCC has been cooperative and supports the implementation of the STARS public safety grade radio system.

Migration of Users onto STARS Interrupts Ongoing Activities.

Impact: Current vehicular repeaters are not compatible with the replacement units. Therefore, should Troopers be moved to support another division with different equipment, on-scene communications will be more complicated.

Mitigation Approach: Advanced statewide planning and training will be performed.

Locality Interoperability Requirements Affecting Mobile Data.

Impact: STARS performance guarantee is for a given number of voice users on a site-by-site basis with a specific use profile. The number and quality of radio frequencies at site and the amount of electrical noise present may reduce the stated guarantee for servicing voice users in the Contract. This will not be known until after detailed analysis, site surveys, and actual testing is performed. Data users will have a secondary status to voice. This means that data transmissions (such as VCIN queries or dispatching) could be delayed or curtailed for short periods of time for any system limiting voice usage, which probability of occurring will increase when STARS is further loaded with locality voice traffic. In addition, as the number of voice users increases, the system availability for the voice users in total decreases.

Mitigation Approach: Highly refined talk group development, interoperability analysis, and rigid controls on connecting external network to STARS will be undertaken. Each additional technology upgrade being considered for STARS (in addition to the basis one-talk path per locality) to enhance interoperability needs be carefully studied before implementation. The too much of a good thing could cause vital failures to communicate (both voice and data) because STARS' radio frequencies are limited.

Future Projects

The STARS Program is also comprised of a series of potential future projects. These future projects are described after the statement, assuming there are sufficient resources and approved by the Administration and General Assembly.

The Statewide Agencies Radio System (STARS) Program will facilitate the communications of 20 participating state agencies by upgrading the existing Virginia State Police land mobile and microwave radio networks of 2,500 users. STARS will create an integrated, seamless, statewide, wireless voice and data communications system designed to meet the needs of these agencies, up to 7,500 users. The system will be shared by agencies engaged in public safety, protection, and service; and will facilitate interoperability with and between localities at the county and city level. To accomplish this, the program will: increase capacity, upgrade the technology, and enhance coverage of the land mobile radio network; implement statewide law enforcement mobile data; and upgrade the technology of, and create disaster recovery alternate paths for the microwave radio network. Radio communications for the Virginia components of the National Weather Service's Integrated Flood Observing and Warning System (IFLOWS) network are also being upgraded as part of this program. Future procurement phases are expected to expand portable radio coverage where required, VSP wireless access points, create a secure and highly reliable statewide Intranet with wireless access, and implement private 700 MHz radio wideband mobile data in selected areas with Intranet access. Completion for currently planned procurement phases is scheduled for 2011. The subscriber equipment (such as mobile radios, portable radios, vehicular repeater systems, and mobile computers) will be replaced periodically as necessary and the infrastructure's technology can be updated if operationally required. Localities and federal organizations can be added as full-time STARS users/partners when appropriate. The STARS Program will provide participating agencies with a cost-effective systems approach that enables interoperability between federal, local, and Commonwealth government agencies.

Expand portable radio coverage where required. There are agencies where individual radio users are not assigned vehicles or they perform their duties far from their vehicles. However, it is not cost effective to initially design a statewide radio system for portable radio coverage (STARS is designed for mobile radio coverage). Testing will document the many areas where coverage is sufficient for portable radio use, without a vehicular repeater. In specific areas where portable radio use is necessary and coverage is not sufficient, additional transmitter sites can be implemented,

Upgrade the mobile computers to replace the law enforcement in-car tape based video systems. The STARS mobile computers include an input for a video camera and a DVD-RW drive for recording the video on disks.

Create a secure and highly reliable statewide Intranet with wireless access. The STARS Microwave Network is a data transport that is highly reliable and secure that can connect

the agency data networks to each other. This data will be made available to the mobile computers via a wireless connection. This will greatly improve the Commonwealth's response to a natural disaster or terrorist attack. It can also provide reliable statewide cost effective VOIP telephone communications between agencies (subject to legal review).

Implement private 700 MHz radio wideband mobile data with intranet access. The use of this radio frequency band should clear the VHF spectrum deficiency issues so that all of the agencies can benefit from STARS mobile data service, not just law enforcement. The 700 MHz band has channels that have the bandwidth necessary to support the next generation law enforcement databases and tools. VITA will provide assistance for and acquiring the necessary spectrum.

Install VSP wireless access points. The law enforcement mobile computers need immediate wideband access to the network to send / receive large files and for maintenance. In emergency situations, law enforcement providers can receive detailed information. The anti-virus and other security software can be updated on a regular basis. These access points will be installed at VSP Division Headquarters, State Police Headquarters (SPHQ), and the VSP Area Offices served by the Microwave Network. This is approximately 60 locations evenly spread throughout the Commonwealth. The wireless access points are a cost effective measure until the 700 MHz band wireless solution can be implemented.

Recommendation

It is recommended that the Commonwealth enter into the proposed contract with Motorola. The implementation of STARS will provide the participating Commonwealth agencies with a modern, dependable, statewide voice and data radio system. In addition STARS will be available to federal and local agencies that can provide spectrum as participating agencies. This will give them a local radio system that will directly communicate with other STARS users. STARS will also provide a single talk path interoperability solution to all counties and cities that are not a participating agency.

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NOTE: Please refer to the full subscriber descriptions in the World Documents							
	Imp 1	Imp 2	Imp 3	Imp 4	Imp 5	Imp 6	Imp 7
PORTABLE RADIOS							
800 MHz XTS 5000 Model II							
800 MHz XTS 5000 Model II	857	533	288	381	313	242	281
Advanced Encryption (AES) (XTS5000 only)	248	261	80	123	100	96	98
VHF XTS 5000 Model II							
VHF XTS 5000 Model II	62	84	8	20	22	8	222
Advanced Encryption (AES) (XTS5000 only)	10	84		8	54	187	65
VHF XTS 2500 Model II	87	77					
MOBILE RADIOS							
Sedans w/ MDT Custom Consoles							
XTL5000 W3	90	35	9	52	17	8	9
Direct Entry Keyboard (DEK)	90	35	9	52	17	8	9
Advanced Encryption (AES)	8						
XTL5000 W7 (Dash Mount)	8						
Advanced Encryption (AES)	8						
XTL5000 W7 (Trunk Mount)	18	1					
Direct Entry Keyboard (DEK)	18	1					
Advanced Encryption (AES)	8						
XTL5000 W9	451	367	160	255	191	154	159
Advanced Encryption (AES)	438	351	160	255	191	154	159
Direct Entry Keyboard (DEK)	167	138	35	58	43	36	35
Advanced Encryption (AES)	167	138	35	58	43	36	35
DVRS & Portable Charger (XTL5000 only)	508	388	158	308	198	132	158
XTL2500 (Dash Mount)							
XTL2500 (Trunk Mount)	60	42	28	34	30	23	21
Direct Entry Keyboard (DEK)	50	42	28	34	30	23	21
SIRS Radio (SIRS)	268	324	132	228	181	143	144
ML900 laptop	424	365	100	285	191	154	159
Sedans							
XTL5000 W3							
Direct Entry Keyboard (DEK)							
Advanced Encryption (AES)	18	10	3	9	11	5	8
XTL5000 W7 (Dash Mount)							
Advanced Encryption (AES)	10						
XTL5000 W7 (Trunk Mount)	1						
Direct Entry Keyboard (DEK)	1						
Advanced Encryption (AES) (XTL5000 only)	10	14					
XTL5000 W9	3	1					
Direct Entry Keyboard (DEK)	3	1					
Advanced Encryption (AES)	3	14					
DVRS & Portable Charger (XTL5000 only)	30	24	3	10	11	5	8
XTL2500 (Dash Mount)							
XTL2500 (Trunk Mount)	1						
Direct Entry Keyboard (DEK)	1						
SIRS Radio (SIRS)	7	14	3	5	3	3	5
ML900 laptop	17	24	1	10	8	2	6
Light Duty Trucks & SUVs							
XTL5000 W3	15	7	2	9	4	2	3
Direct Entry Keyboard (DEK)	15	7	2	9	4	2	3
Advanced Encryption (AES)	15	7	2	9	4	2	3
XTL5000 W7 (Dash Mount)	17		125	1	5	2	1
Advanced Encryption (AES)	24		4				
XTL5000 W7 (Trunk Mount)	80	35	48	47	52	40	119
Direct Entry Keyboard (DEK)	72	40	21	5	25	28	38
Advanced Encryption (AES)	67	40	21	5	25	28	38
XTL5000 W9	37	62	88	14	54	62	53
Direct Entry Keyboard (DEK)	32	62	88	14	54	62	53
Advanced Encryption (AES)	20	29	10	7	13	13	19
DVRS & Portable Charger (XTL5000 only)	154	98	111	67	88	88	73
XTL2500 (Dash Mount)	26	21	240	5	19	21	89
XTL2500 (Trunk Mount)	129	52	35	9	38	128	29
Direct Entry Keyboard (DEK)	74	73	38	9	43	48	44
SIRS Radio (SIRS)	79	83	28	14	40	51	47
ML900 laptop							
Large Trucks & Specialty Vehicles							
XTL5000 W3							
Direct Entry Keyboard (DEK)							
Advanced Encryption (AES)							
XTL5000 W7 (Dash Mount)							
Advanced Encryption (AES)	1						
XTL5000 W7 (Trunk Mount)							
Direct Entry Keyboard (DEK)							
Advanced Encryption (AES)	14	4	8	3	8	3	4
XTL5000 W9	3	3	6	2	6	2	3
Direct Entry Keyboard (DEK)	2	2	5	1	5	1	2
Advanced Encryption (AES)	14	4	4	4	5	3	4
DVRS & Portable Charger (XTL5000 only)							
XTL2500 (Dash Mount)	2						
XTL2500 (Trunk Mount)							
Direct Entry Keyboard (DEK)	2	3	2	3	2	2	2
SIRS Radio (SIRS)	2	3	2	3	2	2	2
ML900 laptop	1						
Boats							
XTL5000 W3							
Advanced Encryption (AES)							
XTL5000 W7 (Dash Mount)							
Advanced Encryption (AES)							
XTL5000 W7 (Trunk Mount)							
Advanced Encryption (AES)	38	42	14	3	18	22	18
XTL5000 W9	11	17	7		4	6	6
Advanced Encryption (AES)	13	4	7		4	6	6
Direct Entry Keyboard (DEK)	17	10	7		4	6	6
DVRS & Portable Charger (XTL5000 only)	1						
XTL2500 (Dash Mount)	1						
XTL2500 (Trunk Mount)							
Direct Entry Keyboard (DEK)							
SIRS Radio (SIRS)	17	17	7		4	6	6
ML900 laptop							
Mobile Command Posts							
XTL5000 W7 (Dash Mount)							
XTL5000 W7 (Trunk Mount)	11	2	4	1	1	2	1
XTL5000 W9							
Direct Entry Keyboard (DEK)	11	2		1	1	2	1
Advanced Encryption (AES) (XTL5000 only)	8			1			
DVRS & Portable Charger (XTL5000 only)							
XTL2500 (Dash Mount)							
XTL2500 (Trunk Mount)							
Direct Entry Keyboard (DEK)	2			1	1		
SIRS Radio (SIRS)	3			1	1		
ML900 laptop							
Motorcycles							
XTL5000 W7	14	12		12	12		
Direct Entry Keyboard (DEK)	14	12		12	12		
Advanced Encryption (AES) (XTL5000 only)							
DVRS & Portable Charger (XTL5000 only)							
SIRS Radio (SIRS)							
ML900 laptop							
Aircraft							
Wulfberg Radio	4			2		4	3
Non-Wulfberg Radio	2						
CONSOLES							
Command	20	12	8	8	8	8	8
Gold Elite II (Console)							
Telephone	1	24					

Make sure to put a single quote to ENABLE an agency

Enter Text to DISABLE agency from This Page and from Non-Fixed Pricing

Alcoholic Beverage Control	ABC	
Dept. of Aviation	DOAV	OFF
Capitol Police	CP	
Dept. of Corrections	DOC	
Dept. of Conservation & Recreation	DOR	
Dept. of Emergency Management	DEM	
Dept. of Environmental Quality	DEQ	
Dept. of Fire Programs	DOP	
Dept. of Forestry	DOP	
Dept. of Game and Inland Fisheries	DGF	
Dept. of Health	DH	
Dept. of Information Technology	ITTA	
Dept. of Juvenile Justice	DJJ	
Marine Resources Commission	MRC	
Dept. of Military Affairs	DMA	
Dept. of Mines, Minerals, and Energy	DME	
Dept. of Motor Vehicles	DMV	
Dept. of Professional & Occupational Regulation	DOPR	OFF
Dept. of Transportation	DOT	
Virginia State Police	VSP	
Virginia State Police	FLRWJ	OFF
Dept. of Charitable Gaming	DCCG	
Virginia Port Authority	VPA	
Chesapeake Bay Bridge Tunnel	CBBT	
1 Spare	1SP	OFF
2 Spares	2SP	OFF
3 Spares	3SP	OFF

XTL 5000	262
Model W3 - Encrypted	
Model W3 - Clear	42
Model W7 - Dash - Encrypted	243
Model W7 - Dash - Clear	230
Model W7 - Trunk - Encrypted	248
Model W7 - Trunk - Clear	50
Model W7 - Motorcycle - Encrypted	745
Model W8 - Encrypted	1605
Model W8 - Clear	

XTL 2800	445
Dash - Clear	667
Trunk - Clear	81

Wulfberg Radios	4841
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TOTAL MOBILES

XTS 8000	1144
800 MHz - Encrypted	1731
800 MHz - Clear	74
VHF - Encrypted	156
VHF - Clear	

XTS 2800	540
VHF - Clear	3647

TOTAL PORTABLES

TOTAL DVRS

XTL 5000 - Encrypted	245
XTL 5000 - Clear	288
XTL 2500 - Clear	834

TOTAL CONTROL STATIONS

TOTAL MCTs

[illegible]

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Commonwealth of Virginia
Virginia State Police
c/o Patricia T. Trent
STARS Procurement and Contracting Officer
P. O. Box 27472
Richmond, VA 23261-7472
Phone: (804) 674-2422 Fax: (804) 674-2446

With a copy to:

Capt. Michael E. Bolton
STARS Program Director
P. O. Box 27472
Richmond, VA 23261-7472

Motorola Project Manager
(Name and address)

With a copy to:

Motorola, Inc.
Attn: Contracts & Compliance Dept
789 International Parkway
Sunrise, FL 33325
fax: 954-723-5858

4.23 Authority to Execute Agreement

Each party represents to the other that (i) it has obtained all necessary approvals, consents and authorizations to enter into this Agreement and to perform its duties under this Agreement; (ii) the person executing this Agreement on its behalf has the authority to do so; (iii) upon execution and delivery of this Agreement by the parties, it is a valid and binding contract, enforceable in accordance with its terms; and (iv) the execution, delivery, and performance of this Agreement does not violate any bylaw, charter, regulation, law or any other governing authority of the party.

The parties hereby enter into this Agreement as of the date of the last signature ("Effective Date").

Motorola, Inc.

Commonwealth of Virginia

By: Mark F. Moon

By: Colonel W. Steven Flaherty

Name: Mark F. Moon

Name: Colonel W. Steven Flaherty

Title: Vice President and General Manager
AG, CGISS

Title: Superintendent Virginia State Police

Date: 6/22/04

Date: 7/13/04



STARS Agency Subscriber Counts
28 September 2006

	800 Portables	VHF Portables	Mobiles	DVRS	MCT	Consoles	Control Stations	Agency Interface	STRS
1 ABC	192	0	192	192	192	0	0	0	36
2 DO4V	0	0	0	0	0	0	0	0	0
3 CP	120	0	36	17	17	0	10	0	19
4 DCR	113	10	126	90	83	0	32	0	0
5 DOC	40	0	359	40	0	0	50	50	0
6 VDEM	37	0	52	37	0	3	54	0	0
7 DEQ	50	0	49	24	0	0	8	0	3
8 DFP	20	0	20	20	0	0	0	0	0
9 DOF	0	530	535	0	0	1	109	0	30
10 DGIF	240	10	425	240	240	1	6	0	275
11 VDH	7	0	34	7	0	0	48	0	0
12 VTA	0	2	2	0	0	0	0	0	0
13 DIJ	32	0	42	32	0	0	8	8	0
14 MRC	76	0	96	76		1	1	0	86
15 DMA	25	0	21	18	4	1	5	0	0
16 DMME	4	0	150	4	0	0	4	0	0
17 DMV	74	0	74	74	62	0	13	0	36
18 VSP	1636	156	2111	1636	1476	63	127	25	1364
19 VDOT	150	0	150	150	0	1	44	61	0
20 FLEWUG	0	0	278	0	212	0	0	0	0
18 DPOR	0	0	0	0	0	0	0	0	0
21 DCG	10	0	10	10	1	0	0	0	0
22 VPA	36	64	36	36	36	0	10	0	36
23 CBBT	13	0	21	13	13	26	5	0	0
TOTALS	2875	772	4819	2716	2336	97	534	144	1885
									16178

STARs Agency Subscriber Counts
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800 Portables										VHF Portables					
	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta			
ABC	192	192	192	192	192	0	0	0	0	0	0	0			
DOAV	0	0	0	0	0	0	0	0	0	0	0	0			
CP	120	120	120	120	120	0	0	0	0	0	0	0			
DCR	113	113	113	113	113	0	10	10	10	10	10	0			
DOC	40	40	40	40	40	0	0	0	0	0	0	0			
VDEM	37	37	37	37	37	0	0	0	0	0	0	0			
DEQ	0	0	0	50	50	50	0	0	0	0	0	0			
DFP	20	20	20	20	20	0	0	0	0	0	0	0			
DOR	0	0	0	0	0	0	12	12	95	530	530	518			
DGIF	240	240	240	240	240	0	10	10	10	10	10	0			
VDH	7	7	7	7	7	0	0	0	0	0	0	0			
VITA	0	0	0	0	0	0	2	2	2	2	2	0			
DJJ	32	32	32	32	32	0	0	0	0	0	0	0			
MRC	76	76	76	76	76	0	0	0	0	0	0	0			
DMA	25	25	4	4	25	0	0	0	17	17	0	0			
DMME	4	4	4	4	4	0	0	0	0	0	0	0			
DMV	74	74	74	74	74	0	0	0	0	0	0	0			
VSP	1591	1591	1591	1591	1636	45	156	156	156	156	156	0			
VDOT	150	150	150	150	150	0	0	0	0	0	0	0			
FLEWUG	0	0	0	0	0	0	0	0	0	0	0	0			
DPOR	4	12	0	0	0	(4)	0	0	0	0	0	0			
DCG	0	0	11	10	10	10	0	0	4	0	0	0			
VPA	0	0	0	100	36	36	0	0	0	0	64	64			
CBBT	0	0	0	13	13	13	0	0	0	0	0	0			
TOTALS	2725	2733	2711	2873	2875	150	190	190	294	725	772	582			

STARs Agency Subscriber Counts
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Mobiles						DVRS						
	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta
ABC	192	192	192	192	192	0	192	192	192	192	192	0
DOAV	4	4	0	0	0	(4)	0	0	0	0	0	0
CP	36	36	17	17	36	0	17	17	17	17	17	0
DCR	126	126	126	126	126	0	90	90	90	90	90	0
DOC	359	359	359	359	359	0	40	40	40	40	40	0
VDEM	52	52	52	52	52	0	37	37	37	37	37	0
DEQ	0	0	0	49	49	49	0	0	0	24	24	24
DFP	20	20	20	20	20	0	20	20	20	20	20	0
DOF	50	50	88	504	535	485	0	0	0	186	0	0
DGIF	425	425	425	425	425	0	240	240	240	240	240	0
VDH	34	34	34	34	34	0	7	7	7	7	7	0
VITA	2	2	2	2	2	0	0	0	0	0	0	0
DJF	42	42	42	42	42	0	32	32	32	32	32	0
MRC	96	96	96	96	96	0	76	76	76	76	76	0
DMA	21	21	7	7	21	0	18	18	4	4	18	0
DMME	150	150	150	150	150	0	4	4	4	4	4	0
DMV	74	74	74	74	74	0	74	74	74	74	74	0
VSP	2063	2063	2063	2063	2111	48	1591	1591	1591	1591	1636	45
VDOT	150	150	150	150	150	0	150	150	150	150	150	0
FLEWUG	278	278	278	278	278	0	0	0	0	0	0	0
DPOR	8	8	0	0	0	(8)	3	8	0	0	0	(3)
DCG	0	0	11	10	10	10	0	0	11	10	10	10
VPA	0	0	0	36	36	36	0	0	0	36	36	36
CBBT	0	0	0	53	21	21	0	0	0	13	13	13
TOTALS	4182	4182	4186	4739	4819	637	2591	2596	2585	2843	2716	125

STARS Agency Subscriber Counts
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MCT						Consoles						
	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta
ABC	192	192	192	192	192	0	0	0	0	0	0	0
DOAV	0	0	0	0	0	0	0	0	0	0	0	0
CP	17	17	17	17	17	0	0	0	0	0	0	0
DCR	83	83	83	83	83	0	0	0	0	0	0	0
DOC	0	0	0	0	0	0	0	0	0	0	0	0
VDEM	0	0	0	0	0	0	3	3	3	3	3	0
DEQ	0	0	0	0	0	0	0	0	0	0	0	0
DFP	0	0	0	0	0	0	0	0	0	0	0	0
DOF	0	0	0	0	0	0	1	1	0	0	1	0
DGIF	240	240	240	240	240	0	1	1	1	1	1	0
VDH	0	0	0	0	0	0	0	0	0	0	0	0
VTA	0	0	0	0	0	0	0	0	0	0	0	0
DJJ	0	0	0	0	0	0	0	0	0	0	0	0
MRC	79	79				(79)	1	1	1	1	1	0
DMA	4	4	4	4	4	0	1	1	1	1	1	0
DMME	0	0	0	0	0	0	0	0	0	0	0	0
DMV	62	62	62	62	62	0	0	0	0	0	0	0
VSP	1431	1431	1431	1431	1476	45	63	63	63	63	63	0
VDOT	0	0	0	0	0	0	1	1	1	1	1	0
FLEWUG	212	212	212	212	212	0	0	0	0	0	0	0
DPOR	3	8	0	0	0	(3)	0	0	0	0	0	0
DCG	0	0	8	0	1	1	0	0	0	0	0	0
VPA	0	0	0	36	36	36	0	0	0	0	0	0
CBRT	0	0	0	13	13	13	0	0	0	26	26	26
TOTALS	2323	2328	2249	2290	2336	13	71	71	70	96	97	26

STARS Agency Subscriber Counts
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Control Stations						Agency Interface						
	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta
ABC	0	0	0	0	0	0	0	0	0	0	0	0
DOAV	0	0	0	0	0	0	0	0	0	0	0	0
CP	10	10	10	10	10	0	0	0	0	0	0	0
DCR	32	32	32	32	32	0	0	0	0	0	0	0
DOC	50	50	50	50	50	0	50	50	50	50	50	0
YDEM	54	54	54	54	54	0	0	0	0	0	0	0
DEQ	0	0	0	8	8	8	0	0	0	0	0	0
DFP	0	0	0	0	0	0	0	0	0	0	0	0
DOF	7	7	22	109	109	102	0	0	0	0	0	0
DGIF	6	6	6	6	6	0	0	0	0	0	0	0
VDH	48	48	48	48	48	0	0	0	0	0	0	0
VITA	0	0	0	0	0	0	0	0	0	0	0	0
DJJ	8	8	8	8	8	0	8	8	8	8	8	0
MRC	1	1	1	1	1	0	0	0	0	0	0	0
DMA	5	5	5	5	5	0	0	0	0	0	0	0
DMME	4	4	4	4	4	0	0	0	0	0	0	0
DMV	13	13	13	13	13	0	0	0	0	0	0	0
VSP	127	127	127	127	127	0	25	25	25	25	25	0
VDOT	44	44	44	44	44	0	61	61	61	61	61	0
FLEWUG	0	0	0	0	0	0	0	0	0	0	0	0
DPOR	1	1	0	0	0	(1)	0	0	0	0	0	0
DCG	0	0	1	0	0	0	0	0	0	0	0	0
VPA	0	0	0	10	10	10	0	0	0	0	0	0
CBRT	0	0	0	5	5	5	0	0	0	0	0	0
TOTALS	410	410	425	534	534	124	144	144	144	144	144	0

STARS Agency Subscriber Counts
28 September 2006

SIRS						
	3/15/04 Baseline	11/10/04 Rev. 1	08/05/05 Rev. 2	09/07/05 Rev. 3	Mod #16 09/28/06 Rev. 4	Delta
ABC	36	36	36	36	36	0
DOAV	0	0	0	0	0	0
CP	19	19	17	17	19	0
DCR	0	0	0	0	0	0
DOC	0	0	0	0	0	0
VDEN	0	0	0	0	0	0
DEQ	0	0	0	0	3	3
DEP	0	0	0	0	0	0
DOF	30	30	0	0	30	0
DGIF	275	275	275	275	275	0
VDH	0	0	0	0	0	0
VITA	0	0	0	0	0	0
DJJ	0	0	0	0	0	0
MRC	45	45	45	45	86	41
DMA	0	0	0	0	0	0
DMME	0	0	0	0	0	0
DMV	36	36	36	36	36	0
VSP	1319	1319	1319	1319	1364	45
VDOT	0	0	0	0	0	0
FLEWUG	0	0	0	0	0	0
DPOR	7	8	0	0	0	(7)
DCG	0	0	8	0	0	0
VPA	0	0	0	36	36	36
CBBT	0	0	0	0	0	0
TOTALS	1767	1768	1736	1764	1885	118

STARS Agency Subscriber Counts
28 September 2006

Total		Richmond Area							Chesapeake Area							Culpeper Area							Fairfax Area							Salem Area							Appomattox Area							Wytheville Area						
TOTAL		1							2							3							4							5							6							7						
1	ABC	\$	5,129,828.00	\$	905,217.00	\$	1,093,338.00	\$	427,008.00	\$	824,272.00	\$	875,908.00	\$	652,546.00	\$	351,539.00																																	
0	Mobile Beverage Control																																																	
1	DOA	\$	1,140,046.00	\$	1,140,046.00	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	
0	Capital Police																																																	
1	DOA	\$	3,128,755.00	\$	597,645.00	\$	513,157.00	\$	259,032.00	\$	232,913.00	\$	342,503.00	\$	573,213.00	\$	610,297.00																																	
1	Dept. of Conservation & Recreation																																																	
1	DCR	\$	799,356.00	\$	200,424.00	\$	102,113.50	\$	196,806.00	\$	102,420.00	\$	103,206.50	\$	97,836.50	\$	98,949.50																																	
1	Dept. of Long Range Planning																																																	
1	DEQ	\$	6,724,200.93	\$	1,284,284.85	\$	929,714.85	\$	842,204.85	\$	285,380.85	\$	822,008.85	\$	1,763,454.84	\$	797,151.84																																	
1	Dept. of Forestry																																																	
1	DOF	\$	577,297.00	\$	192,873.00	\$	95,552.00	\$	29,856.00	\$	67,994.00	\$	67,994.00	\$	80,120.00	\$	42,908.00																																	
1	Dept. of General Building & Structures																																																	
1	DGBS	\$	837,708.00	\$	631,370.00	\$	-	\$	103,169.00	\$	-	\$	103,169.00	\$	-	\$	-																																	
1	Dept. of Juvenile Justice																																																	
1	DJJ	\$	739,378.00	\$	739,378.00	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	
1	Dept. of Military Affairs																																																	
1	DMA	\$	1,835,068.00	\$	485,510.00	\$	315,864.00	\$	98,173.00	\$	286,604.00	\$	308,427.00	\$	100,751.00	\$	229,739.00																																	
1	Dept. of Motor Vehicles																																																	
1	DMV	\$	4,162,056.00	\$	611,348.00	\$	569,957.00	\$	631,946.00	\$	842,199.00	\$	707,096.00	\$	373,922.00	\$	425,588.00																																	
1	Dept. of Transportation																																																	
1	DOT	\$	1,535,346.00	\$	1,535,346.00	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	
1	Dept. of Wildlife																																																	
1	DW	\$	1,535,346.00	\$	1,535,346.00	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	
1	Virginia Port Authority																																																	
1	VPA	\$	1,535,346.00	\$	1,535,346.00	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	
1	General Building & Structures																																																	
1	DGBS	\$	577,297.00	\$	192,873.00	\$	95,552.00	\$	29,856.00	\$	67,994.00	\$	67,994.00	\$	80,120.00	\$	42,908.00																																	
0	Spur																																																	
0	SSP	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	
0	Spur																																																	
0	SSP	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-																																	